MAT-8691US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 7,576,487
Issued: August 18, 2009
Name of Patentee: Yuichiro MIYAMAE et al.
Title of Invention: PLASMA DISPLAY DEVICE

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR PTO MISTAKE (37 C.F.R. § 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attention: Decision and Certificate of Correction
Branch of the Patent Issue Division

1. Attached is Form PTO/SB/44 being suitable for printing.

2. Correction of the Official Letters Patent is respectfully requested in view of the following text which appears correctly in the application file:

In claim 4 of the Letters Patent at column 16, line 24, "includes a green color" should read -- includes any of a green color -- as indicated in the original Specification.

In claim 4 of the Letters Patent at column 16, line 42, "where "N" is at least" should read -- where "M" is at least -- as indicated in the amendment dated July 1, 2008.

3. Please send the Certificate to:

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Name of Assignee: Panasonic Corporation

Assignment Recorded on: May 9, 2005

Reel: 017267

Frame: 0599

Respectfully submitted,

Lawrence E. Ashery, Reg. No. 34,515
Attorney for Applicants

LEA/sh

Enclosure: Form PTO/SB/44
Copy of Page 4 of Amendment dated July 1, 2008
Copy of page 29 of Specification

Dated: December 11, 2009

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SH549782

PTO/SB/44 (04-05))
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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO:	7,576,487
APPLICATION NO.:	10/534,342
ISSUE DATE:	AUGUST 18, 2009
INVENTOR(S):	YUICHIRO MIYAMAE ET AL.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 4 of the Letters Patent at column 16, line 24, "includes a green color" should read -- includes any of a green color --

In claim 4 of the Letters Patent at column 16, line 42, "where "N" is at least" should read -- where "M" is at least --

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the phosphor layer is a mixed phosphor and includes a green color phosphor, the green color phosphor being a mixed phosphor comprising: ~~a mixture of a phosphor material defined by a general formula of~~

a phosphor of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" denotes one of ~~Zn, Mg,~~ Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$) and

~~another phosphor material defined by a general formula of~~ a phosphor of formula $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$).

5.-6. (Cancelled)

7. (Currently Amended) A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer includes any of a green color phosphor, a blue color phosphor and a red color phosphor,

the green color phosphor being a mixed phosphor comprising: ~~comprises one of~~

a spinel system of formula $M_{1-a}(Ga_{1-x}Al_x)_2O_4:Mn_a$ (where "M" is at least one of Ca and Sr, $0.01 \leq a \leq 0.06$, and $0.1 \leq x \leq 1.0$), or

a phosphor of yttria system comprising formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_4:Ce_y, Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.1$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), and

formula $(Y_{1-a-y}Gd_a)BO_3:Tb_y$ (where $0 \leq a \leq 1$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$, and

formula $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_5O_{12}:Tb_y$ (where $0 \leq a \leq 1$, $0.1 \leq x \leq 1.0$, $0.02 \leq y \leq 0.4$, $0.08 \leq 1\text{-}a\text{-}y \leq 0.98$), or

7. A plasma display device provided with a plasma display panel comprising a plurality of columns of discharge cells having one of a single color and multiple colors, and a phosphor layer disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein

the phosphor layer includes any of a green color phosphor, a blue color phosphor and a red color phosphor,

the green color phosphor comprises one of a spinel group phosphor, a yttria group phosphor and a mixture of the spinel group phosphor and the yttria group phosphor,

the blue color phosphor comprises one of phosphor materials of $Ba\ Mg\ Al_{10}\ O_{17}$:Eu and $Ba\ Sr\ Mg\ Al_{10}\ O_{17}$:Eu, and

the red color phosphor comprises one of phosphor materials of $Y_2\ O_3$:Eu and $(Y, Gd)BO_3$:Eu.